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Intercoat OÜ
Kadastiku tn 29a
21004 Narva linn, Ida-Viru maakond

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Cologne, 19.01.2026

Report No. 0001207715/20 AZ 698199

Test item:	One sample of coated metal plate
Identification:	RAL 9005 Fine texture PS4
Condition at delivery:	No claim
Date of delivery:	05.01.2026
Place of testing:	Cologne
Test period:	14.01.2026 to 19.01.2026
Test scope:	Parameters selected by customer
Test specification:	IKEA IOS-MAT-0207 Version AA-2291517-7 dated 2024-05-30 16 CFR 1303: Lead in paint (CPSC-CH-E1003)

tested by:

19.01.2026 X

Sachverständige(r)/Expert
Signiert von: Anika Hitz

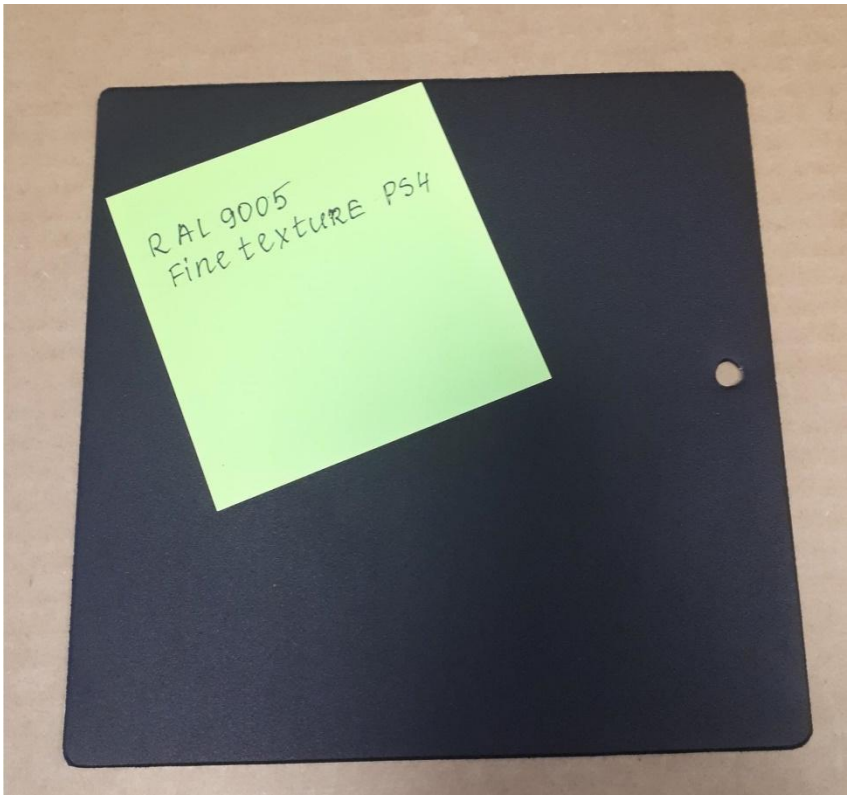
tested by:

19.01.2026 X

Sachverständige(r)/Expert
Signiert von: Ralf Meier

Photo documentation

Picture 1: RAL 9005 Fine texture PS4



List of materials

Article	Article name
1	RAL 9005 Fine texture PS4

Mat. No.	Article	Component	Material	Colour
001	1	Coating	varnish	black

Results

Lead total varnish, USA

Sample composition	Mat. 001				
Sample No.	698199-001				
Unit	mg/kg				
Lead	<10				

Contamination limit value for cured coats on furniture in scope of 16 CFR part 1303:
40 mg/kg

Organotin compounds

Sample composition	Mat. 001				
Sample No.	698199-002				
Unit	mg/kg				
Organotin compounds					
Monobutyltin, MBT	<0,05				
Dibutyltin, DBT	<0,005				
Tributyltin, TBT	<0,005				
Tetrabutyltin, TeBT	<0,05				
Monooctyltin, MOT	<0,05				
Dioctyltin, DOT	<0,05				
Tricyclohexyltin, TCyT	<0,05				
Triphenyltin, TPhT	<0,005				
Dipropyltin, DPT	<0,05				
Diphenyltin, DPhT	<0,05				
Trioctyltin	<0,05				
Tripropyltin	<0,05				
Sum of organotin compounds	n.n./n.d.				
Sum of tri-organotin compounds	n.n./n.d.				
Total di-/tri-/tetra-organic tin compounds	n.n./n.d.				

n.n./n.d. not detectable

Liquid organic coatings - all substrates:
Organotin compounds are not allowed to be used. Contamination limit value for sum of all organotin compounds limit value in the cured coat: 2.5 mg/kg
(Exception: Dibutyltin dilaurate (DBTL, CAS RN 77-58-7) and monoalkyltin compounds are allowed to be used as catalyst in polyurethane coating on glass. Content limit for the sum of all organotin compounds in the ready-to-use coating mixture: 500 mg/kg)

Coverings - all substrates:
Organotin compounds:
Not allowed to be used.
Contamination limit value:
For sum of all organotin compounds: 2.5 mg/kg
For dibutyltin (DBT) compounds: 0.2 mg/kg
For tributyltin (TBT) compounds: 0.2 mg/kg

Powder coating
Organotin compounds:
Di-, tri- and tetra-organotin compounds are not allowed to be used.
Contamination limit value in the cured coat:
For the sum of di-, tri- and tetra-organotin compounds: 2.5 mg/kg
For the sum of tri-organotin compounds: 1 mg/kg

Summary of methods

Lead total varnish, USA	Standard: MS-0022823*	Issue date: 18.09.23
Method description: Determination of the total content of lead after decomposition according to ASTM E 1645-01 (Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis), quantification by ICP according to ASTM E 1613-12 (Standard Test Method for Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS) or Graphite Furnace Atomic Absorption Spectrometry (GFAAS) Techniques), as far as possible identical to CPSC-CH-E1003-09		
Notes: The result is stated in µg/Probe when the material quantity is <10 mg per test item and the analysis is based on the maximal available material quantity at the sample. * in-house working instruction Element contents marked with (a) determined by ICP-OES according to DIN EN ISO 11885.		

Organotin compounds	Standard: ISO/TS 16179	Issue date: 01.08.12
Method description: Footwear - Critical substances potentially present in footwear and footwear components - Determination of organotin compounds in footwear materials.		

If there is no accreditation notice on the report, the report has not been produced in the accredited area and is consequently not covered by the EA MLA. Regardless of this, the report has been prepared based on the general rules of the ISO/IEC 17000 series. Tests marked with "#" are not covered by the accreditation D-PL-14169-03-00.

Version directory

Version No.	Report No.	List of changes	Date
1	0001207715/20 AZ 698199	First edition	2026-01-19

Only the version last shown in the version directory is valid. The previous version(s) shown in the table lose their validity immediately. The customer has to make sure that the previous versions are no longer taken into account.

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